cont'd A8

invention is applied to color display.

IN THE CLAIMS:

Please cancel claim 7 without prejudice or disclaimer.

Please amend the claims as follows. A marked-up version of the claims is attached hereto.

1. (Amended) An autostereoscopic image display device comprising:

an image display means for displaying a left eye image and a right eye image in alternately forming stripe-shaped patterns upon a liquid crystal display panel;

a sensor for sensing a position of a head of a viewer;

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a shading means comprising a continuous shading part having a first and a second side and a liquid crystal shutter part for turning on and off, based upon the position of the head of the viewer, a shiftable shading part provided on both the first and the second sides of the continuous shading part to generate a binocular parallax effect; and

Sub B1

area shifting and division control means for dividing the shading means into areas in a horizontal direction and controlling shifting of a said shiftable shading part in each of the areas.

2. (Amended) The autostereoscopic image display device according to claim 1, wherein the shading means is so structured that a position of the shading part shifts by ¼ pitch of a pitch of the shading part.

3. (Amended) The autostereoscopic image display device according to claim 1, wherein the shading barrier dividing control circuit divides a display part of the image display means into areas to correspond to the divided areas of the shading means and controls a display order of the left eye image and the right eye image in each of the divided areas

Sub B2

depending on the position of the head of the viewer.

4. (Amended) The autostereoscopic image display device according to claim 1, wherein the image display means comprises the liquid crystal display panel, the shading means is a shading barrier arranged between the liquid crystal display panel and a light source for emitting light in a flat shape arranged on a back side of the liquid crystal display panel.

5. (Amended) The autostereoscopic image display device according to claim 1, wherein the shading means is a parallax barrier arranged on a light emission side of the image display means.

6. (Amended) The autostereoscopic image display device according to claim 1, wherein the shading means comprises a liquid crystal panel.

8. (Amended) The autostereoscopic image display device according to claim 7, wherein an aperture part having aperture ratio is provided on the shading barrier means for permitting a viewer to observe pixels displayed on the liquid crystal panel;
the aperture ratio configured to be equivalent to a boundary part of divided areas of the shading means is provided so that the aperture ratio and the boundary part of the divided areas are approximately uniform.

9. (Amended) The autostereoscopic image display device according to claim 8, wherein the liquid crystal shutter provided on both the first and the second sides of the continuous shading part sandwiching the aperture part which is equivalent to the boundary part of each divided area is wired so as to be assigned in a same group of the liquid crystal shutter in an area adjacent to each divided area.

10. (Amended) The autostereoscopic image display device according to claim 1, wherein the number of divided areas increases as the head position of the viewer moves further away from an optimum viewing position.